GROUNDWATER INDEX

Page ____ of ____

County PRAIRIE Twp. 13N Rge. 52E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
7	Dalatta, Ray H. et al	GW 3	94575	
3	BUREAU OF LAND MANAGEMENT	GW-2	93738	
5	HESS, AL	GW-2	94385	
17	BUREAU OF LAND MANAGEMENT	GW-2	91441	
[redacted]	[redacted]	[redacted]	[redacted]	
24	DENBY, VIDA A.	GW-4	85270	
24	DENBY, VIDA A.	GW-4	85269	
24	LAPP, HAROLD	GW-4	85534	
25	ENGLEBRIGHT, WILLIAM	GW-2	86975	
25	UNITED STATES OF AMERICA	GW-4	85420	
26	ROCK, OLIVER	GW-4	85478	
27	GALLAND, ORRIS I.	GW-2	93828	
29	KNUTHS CATTLE CO.	GW-2	91431	
29	KNUTHS CATTLE CO.	GW-4	83011	
30	KNUTH'S CATTLE CO.	WATER WELL LOG	80632	
32	KNUTHS CATTLE CO.	GW-4	83011	
32	KNUTHS, GORDON	WATER WELL LOG	79638	
33	BUFFALO RAPIDS PROJECT BOARD OF CONTROL	GW-4	85031	
33	UNITED STATES OF AMERICA	GW-4	85031	
34	DUKART, JIM	GW-2	94256	
34	GAUB, HENRY	GW-4	84349	
34	GAUB, HENRY	GW-4	84350	
34	HESS, JOHN W.	GW-4	85454	
34	HESS, JOHN	WATER WELL LOG	79259	
34	HOGMIRE, L.D.	WATER WELL LOG	79258	
34	HOPE LUTHERAN CHURCH	GW-2	87122	
34	NORTHERN PACIFIC RAILWAY CO.	WATER WELL LOG	77221	
34	NORTHERN PACIFIC RAILWAY CO.	GW-4	85095	MAYBE THE SAME WELL AS ABOVE.
34	CRAKES, BERNARD W. & GALLARD, ORRIS	GW-4	84269	
35	BREDBERG, HAROLD V.	GW-4	85496	
35	LAPP, JOHN	GW-4	85310	
35	LAPP, JOHN	GW-2	94274	
36	ENGLEBRIGHT, WILLIAM	GW-2	86976	
36	STICKEL, ALBERT OR SACKMAN, I.	GW-4	85474	
	FALLON WATER WELL CO.	GW-4	85404	BULLARD'S ADDN. FALLON
	KESLER, JOHN	GW-4	85335	HANSON'S ADDN. FALLON
	STICKEL, ALBERT	GW-4	85542	ORIG. FALLON
	KNOCHE, MILLIDA	GW-2	84880	NO SECTION NO.
24	DONALD W. DENBY ET UX	GW-2	94908	
~~7~~	~~Ray H. Dalatta et ux~~	~~GW 3~~	~~94575~~	

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED
JUN 26 1973
STATE DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

County Yellowstone 24

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the **owner** with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner DONALD W. and FRANCES DENBY

Address Box 85 Ft. Collins Colo.

Date well started 6/25/72

completed 6/17/73

For Administrator's Use
File 94908
8:10 A.m.
GW 1 June 22, 1973

Type of well Drilled (Dug, driven, bored or drilled)

Equipment used Air Rotary (Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☒

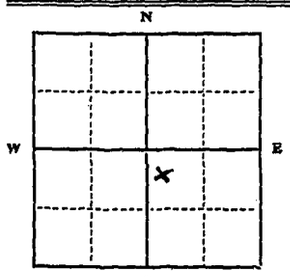
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition). 108 acres S.E. ¼ Sec 24, 13N, 52E

ESTIMATED ANNUAL WITHDRAWAL 400 acre ft.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
8	6 5/8 O.D. 18.97 #/ft	+1	50	~~Strip~~ Stainless Steel Screen 100 slot	35	40



NW ¼ SE ¼ Sec. 24
T. 13 N R. 52 E

Static water level 25 ft.*
Pumping water level 35 ft.*
at 110 gallons per minute,
measured 24 ~~minutes~~ hrs after pumping began.
*Measured from ground level.
Well developed by Air
for 10 hours.
Power Elec. Pump 5 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) Drilled + Cased with 8", then 6" installed + 8" Removed

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Jesse Leon Johnson

Driller's Address Terry Montana

LICENSE NO. 154

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
0	25	Sandy Soil + Gravel
25	40	Water bearing Gravel
40	50	Clay

50 Show exact depth of bottom

53,857

94908

FILED
at 8:10 o'clock A.M.
Jun 22 1973
County Clerk
Deputy
Fee

GW 3

7

File No.....

T. 3 R. 2

TRIPLICATE

County Ravalli

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 7.6.20 1973

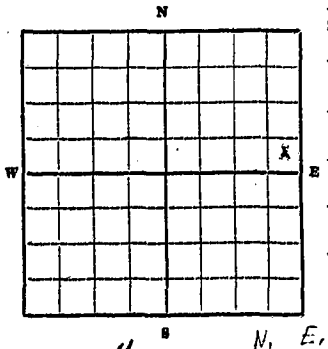
Owner Roy & Jacqueline Dratta Address Darby, Mont.

Contractor (if any) None

Address of Contractor .....

Date Started 7-72 Date Completed 11-72

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Spring Development approx 5 ft hole, 200 ft pipe to tank.



SE ¼ NE Sec. 7 T. 13 N. R. 52 E.

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use continuous.

Doc. No. 94575
Filed for record this 21st day of February A. D. 1973 at 9:30 o'clock A.M.

Roy H. Dratta

Signature of Owner Jacqueline J. Dratta

Date.....

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

52,475

GW 3

File No.....

TRIPLICATE

T. 13 R. 52

County Pondera

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Feb. 20 1973

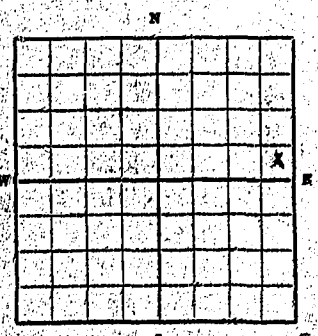
Owner Ray H. & Jacqueline D. D'Alotta Address Terry, Mont.

Contractor (if any) None

Address of Contractor .....

Date Started 7-72 Date Completed 11-72

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable Spring Development approx 5 ft hole, 200 ft pipe to trough.



SE ¼ NE Sec. 7 T. 13 N. R. 52 E.

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use continuous.

Doc. No. 94575
Filed for record this 21st day of February A. D. 1973 at 9:30 o'clock A.M.

Ray H. D'Alotta

Signature of Owner Jacqueline D. D'Alotta

Date.....

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

RECEIVED
FEB 22 1973
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

RECEIVED FEB 22 1973

52,475

24575

Groundwater Appropriation

to

Ray H. Dolatta et ux

to

The Public

FILED

at 8:30 o'clock A.M.

FEB 21 1973

John D. Strobel
County Clerk

Verla M. Bonilla
Deputy

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED
MAY 1 1972
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

3

County Prairie

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Bureau of Land Management

Address Miles City, Montana

Needle Well

Date well started 4/17/72

completed 4/18/72

For Administrator's Use
File 93738
April 28, 1972 2:35 p.m.
GW 1

Type of well Drilled
(Dug, driven, bored or drilled)

Equipment used Air Rotary
(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

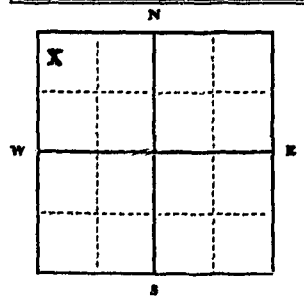
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
7 7/8"	6" ID 18.97#	+1	176	Slots 1/8 X 6"	35	55
					130	170



NW ¼ NW ¼ Sec. 3
T. 13N N/S R. 52E E/W

Static water level 58 ft.*
Pumping water level 165 ft.*
at 5 gallons per minute,
measured 60 minutes after pumping began.
*Measured from ground level.
Well developed by Air
for 1 hours.
Power Pump HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) Well Gravel packed top to bottom. Lower strata taking top strata of water.

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Joe L. Johnson

Driller's Address Joe Johnson Drlg., Terry, Montana

LICENSE NO. 154

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
0	4	Brown Sand
4	12	Gravel
12	18	Yellow Clay
18	23	White Clay
23	30	Brown Sandy Clay
30		Slight seep at 30' approximately 2.5 gpm
30	40	Blue Shale
40	50	Blue Shale
50	55	Blue Shale
55	65	Gray Shale
65	72	Coal
72	77	Blue Shale
77	80	Coal
80	85	Gray Shale
95	105	Gray Sandstone
105	112	Gray Clay
112	115	Coal
115	125	Gray Clay
125	135	Sandstone gray
135	145	Sandy Gray Clay
145	155	Gray Sandstone
155	165	Sandstone and Clay
165	176	Gray Clay

176 Show exact depth of bottom

50, 294

93738

Water Well Log

B. L. M.

to

The Public

FILED

at 2:35 o'clock P.M.

APR 2 1972

John D. Herbel

County Clerk

Verla M. [illegible]

Deputy

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

County PRAIRIE 5

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Al Hess

Address CBR, Glendive, Mt.

For Administrator's Use
File 94385
Jan 4 1973
8:30 A.M.
GW 1

Date well started 4/27/72

completed 4/29/72

Type of well Drilled (Dug, driven, bored or drilled)

Equipment used Air Rotary (Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

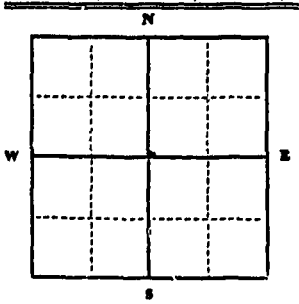
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
7 7/8"	6" 18.97	0	11	NONE		
7 7/8"	6" Plastic	11	177	slots 1"X6"	105 145	132 165



SW ¼ NE ¼ Sec. 5
T. 13 (N) R. 57 (E)
S W

Static water level 105 ft.*
Pumping water level 155 ft.*
at 12 gallons per minute,
measured 240 minutes after pumping began.
*Measured from ground level.
Well developed by Air
for 2 hours.
Power..... Pump..... HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)
R.J.D.

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Joe Johnson

Driller's Address Joe Johnson Drlg., Terry, Montana

LICENSE NO. 154

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
0	8	Sand & Gravel
8	45	Very Sandy Soil
45	105	Blue & Brown Clay with stringers of Coal & Rock
105	132	Gray Sandstone (4 gpm)
132	145	Mk. Brown & Black Gumbo & Clay
145	165	Blue Sandstone (15 gpm
165	177	Clay & Coal
177		

177 Show exact depth of bottom

52,146

94385

Water Well Log

All Uses

to

The Public

FILED

at 8:20 o'clock A.M.

4- 1973

John W. Lindsley

County Clerk

Wesley M. Schubert

Deputy

200

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—46805

17

MONTANA WATER RESOURCES BOARD
RECEIVED
SEP 2 1969

File No.....

T. 13N R. 52E

DUPLICATE

County Prairie

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Top of Ground

(Elev. above sea level.....)

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

Owner Bureau of Land Manage Address Miles City

Driller Joe Johnson Drlg. Address Terry

Date of Notice of appropriation of groundwater.....

Date well started 5/12/69 Date completed 5/22/69

Type of well Drilled (Dug, driven, bored or drilled) Equipment used Rotary (Churn drill, rotary or other)

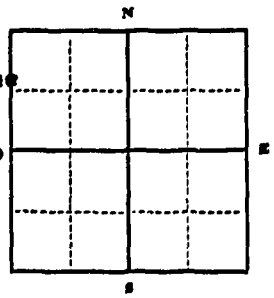
Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐ Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

0- 10	Yellow Sandy Soil
10- 20	Sand & Gravel
20- 30	Dk. Brn. Gumbo
30- 50	Dk. Brn. Gumbo
50- 70	Lt. Gray Gumbo
70- 80	Rock & Gumbo
80-100	Coal & Stringers of Gray Gumbo
100-130	Blu Gray Gumbo
130-160	Gray Gumbo
160-180	Blu Gumbo
180-200	Gray Sandstone
200-210	Gray Gumbo
210-220	Coal&Gumbo String
220-280	Dk.Brn.&Blk. Gumbo
280-290	Blu Gumbo
290-300	Blk.&Gray Gumbo
300-330	Brn. Gumbo
330-340	Brn.&Gray Gumbo/ Stringers of Coal
340-370	Gray Gumbo
370-374	Rock
374-429	Gray&Brn. Gumbo
429-430	Rock
430-470	GrayGumbo/Str.Coal
470-480	BluGray Gumbo
480-490	BluGra Gumbo/Str.Coal
490-558	Blu Sandstone
558-562	Rock
562-568	Sandstone
568-570	Sandrock
570-660	BluGra Gumbo/Str.Rock
660-690	Sandstone
690-780	BluGra Gumbo
780-800	Sandstone
800-875	Gumbo/Str.Sandstone
875-879	Sandrock
879-942	Blu Sandstone/ stringers of Gumbo

Show exact depth of bottom.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
8"	None	0	20			
4 3/4"	24 ID 64#/Ft.	0 3	942	Holes 3/8"	658	690
					774	795
					879	900
					921	942



Static Water Level for non-flowing well .....feet.

Shut-in Pressure for Flowing Well 25

Pumping Water Level.....feet

at.....gal. per minute.

Discharge in gal. per min. of flowing well 40

How Tested Over Flow

Length of Test 3 Days

Remarks: (Gravel packing, cementing, packers, type of shutoff) Cemented with 50 sacks of Cement.

.....¼ Sec. 17 T. 13N R. 52E

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

.....(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

154
Driller's License Number

Joe Jerl Johnson
Driller's Signature.

45574

1471

FILED
at 4:30 o'clock P. M.
AUG 29 1969
John A. Shepherd
Clerk of Court
Deputy

91441

91441

FILED

at 4:30 o'clock P.M.

AUG 29 1969

John A. Shadel
County Clerk

Deputy

Fee 8.00

GW

Approved Stock Form—State Publishing Co., Helena, Montana—38687

24

File No.....

T. 13N R. 52 E

DUPLICATE

County PRAIRIE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

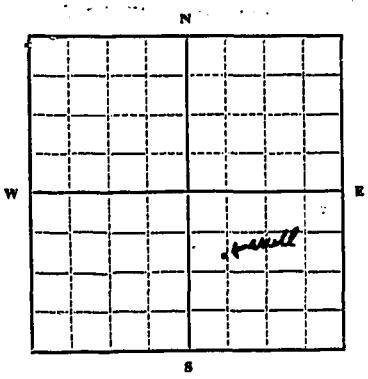
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. VIDA A. DENBY (Name of Appropriator), of FALLON (Address) (Town)

County of PRAIRIE State of MONTANA

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S.E. 1/4 Sec. 24 T. 13N R. 52E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based HOUSEHOLD, LIVESTOCK, and GARDEN IRRIGATION

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Continuous from Mar. 1st 1932 to date.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gals per min. high point use.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof ½ acre garden same location as well, owner VIDA A. DENBY

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal I hand dug well with hand pump and windmill

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well commenced Feb. 1st, 1932 completed with pump Mar. 1, 1932, windmill installed summer of 1936

8. The depth of water table 26 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater I hand dug well 30 feet deep cased with 24 inch culvert then back filled with 16" coring in center capped with 12" concrete platform, hand pump with 1¼" pipe and 4" by 16" cylinder and wind mill.

10. The estimated amount of groundwater withdrawn each year 1,095,000

11. The log of formations encountered in the drilling of each well if available no log available but of my own recollection 26 feet gumbo, ~~[illegible]~~ and 4 feet of water bearing gravel

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Vida A. Denby

Date December 9, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

8474

85270

FILED
at 3:00 o'clock P. M.
DEC 9 - 1963
County Clerk
Fee $2.00 - Pd. Deputy

GW

Approved Stock Form—State Publishing Co., Helena, Montana—38687

24

File No.....

T. 13N R. 52 E

DUPLICATE

County PRAIRIE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

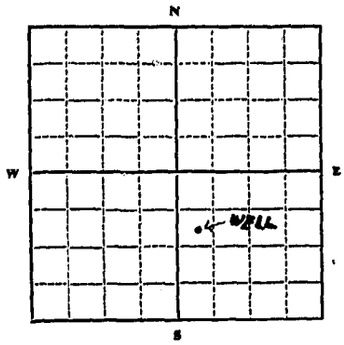
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. VIDA A. DENBY, of FALLON
(Name of Appropriator) (Address) (Town)

County of PRAIRIE State of MONT.

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S.E. 1/4 Sec. 24 T 13N R 52E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based HOUSEHOLD, LIVESTOCK, and GARDEN IRRIGATION

3. Date or approximate date of earliest beneficial use; and how continuous the use has been MARCH 1960 continuous to date

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gals per min. high point use

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof ½ ACRE same location as well (garden) OWNER VIDA A. DENBY

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 1 well with jet pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well started Dec. 1959 completed and pump installed Mar. 1, 1960

8. The depth of water table 35 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 1 drilled well, drilled and cased with 4 inch casing to 54 feet bottom 10 feet of casing perforated

10. The estimated amount of groundwater withdrawn each year 1,095,000 gals per year

11. The log of formations encountered in the drilling of each well if available log not available but of my own recollection, 8 feet gumbo, 40 feet of various gumbo clay and dry gravel, 1 foot coal, water bearing gravel final 9 feet, with water rising to 35 feet level

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.....

Signature of Owner Vida A. Denby

Date December 9, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

8473

85269

FILED
at 3 100 o'clock P M.
DEC 9 1963
County Clerk
Deputy
Fee $2 00 Pd

GW

Approved Stock Form—State Publishing Co., Helena, Montana—42234

File No.

T. 13 N R. 52 E

County Prairie

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964
STATE ENGINEER

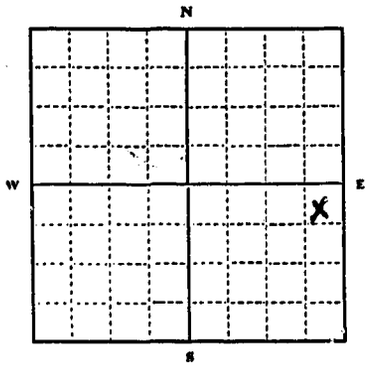
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Harold Lapp, of C.B.R. Glendive
(Name of Appropriator) (Address) (Town)

County of Prairie State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE ¼ Sec. 24 T. 13 R. 52

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Household + stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1942 - continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 7 gallons minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Commenced + completed - about 1942

8. The depth of water table 21 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled 4 inch casing - 24 feet deep

10. The estimated amount of groundwater withdrawn each year 225,000 gallons

11. The log of formations encountered in the drilling of each well if available Not available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner Harold Lapp

Date Dec. 30-1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

24877

85534

FILED
at 4:45 o'clock P. M.
DEC 30 1963
County Clerk
Deputy
Fee 2.00

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—41933

25

File No.....

T. 13 N R. 52 E 25

DUPLICATE

County Prairie

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
APR 13 1965
STATE ENGINEER

Top of Ground

(Elev. above sea level.....)

clay

9'

gravel

20'

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Wm Englebright Address Fallon Montana

Driller Harold Davis Address Lindsay Montana

Date of Notice of Appropriation of Groundwater.....

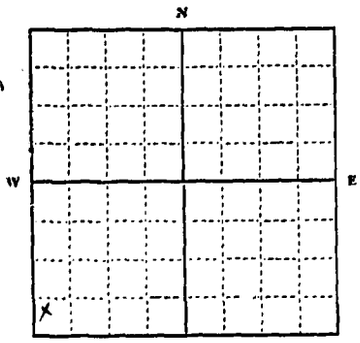
Date well started Nov 9-1964 Date Completed Nov 10-1964

Type of well drilled (dug, driven, bored or drilled) Equipment Used churn (Churn, drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☑

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
5"	4" I.D 11 lbs. per ft	0	20	slots cut in casing 3/16" x 3"	10	20



S 1/4 W Sec. 25 T. 13 R. 51

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 9 feet.

Shut-in Pressure for Flowing Well.....

Pumping Water Level 12 feet at 8 gal. per minute.

Discharge in gal. per min. of flowing well.....

How Tested slush bucket Length of Test one hour

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation).....

85
Driller's License Number

Harold Davis
Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

39066

86975

FILED
at 9:00 o'clock A.M.
APR 12 1965
County Clerk
Deputy
Fee 1.00 pd

Approved Stock Form—State Publishing Co., Helena, Montana—41921

File No. .....

T. 12N R. 52 E

County Prairie

DUPLICATE

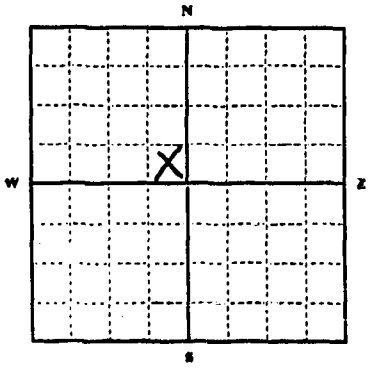
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. United States of America, of Box 2553 (Address) Billings (Town)
(Name of Appropriator)
County of Yellowstone State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE ¼ NW¼ Sec 28 T12N R. 52E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Household & Lawn irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1939

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Lawn irrigation. United States of America

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Natural spring - piped in at the Glendive pumping plant

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1939

8. The depth of water table flows from side of hill

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater pressurized to house with a pump

10. The estimated amount of groundwater withdrawn each year 3 acre-feet

11. The log of formations encountered in the drilling of each well if available No well. Natural Spring

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record This water is used for domestic, household, stock watering and similar uses by employees of the United States, or its agents, at Glendive Pumping Plant in connection with operation and maintenance of the Buffalo Rapids Federal Reclamation Project.

United States of America
Signature of Owner E. Richard Oneai
For Regional Director, Region 6, Bureau of Reclamation
Date December 18, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

12513

85420

FILED
at 9:30 o'clock A M.
DEC 23 1963
County Clerk
Deputy
Fee 2.00

GV

Approved Stock Form—State Publishing Co., Helena, Montana—42234

.76

File No. .....

T. 13N R. 52E

DUPLICATE

County Prairie

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963
STATE ENGINEER

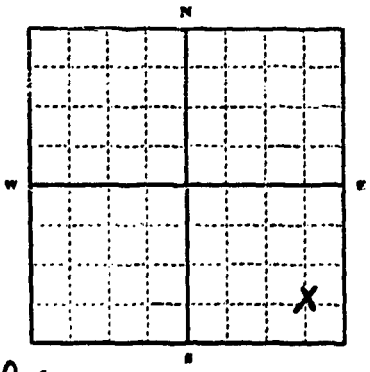
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Oliver Rock, of Kellog Idaho
(Name of Appropriator) (Address) (Town)

County of Prairie State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE¼ Sec. 26 T. 13 R. 52

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Stockwatering

3. Date or approximate date of earliest beneficial use; and how continuous the use has been about 1950 - continuous use

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 6 gallons minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof No Irrigation

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Commenced & completed about 1950

8. The depth of water table 10 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Hand dug - 3 inch - 70 feet deep

10. The estimated amount of groundwater withdrawn each year 480,000 gallons

11. The log of formations encountered in the drilling of each well if available Not available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner Oliver Rock

Date Dec. 27-1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

15606

85478

FILED
at 2:45 o'clock P. M.
DEC 27 1963
County Clerk
Fee 2.00 Pd.
Deputy

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED
JUN 8 1972
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

County Prairie 27

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the **owner** with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Orris I Galland

Address Fallon, Montana

Date well started 4/26/72

completed 6/2/72

For Administrator's Use
File 93828
June 7, 1972 9:55 a.m.
GW 1

Type of well Drilled
(Dug, driven, bored or drilled)

Equipment used Cable tool & rotary
(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
8"	6"id	0	52	none		
3-7/8	2"	0	821	slits	758	821

N
W E
S

SW ¼ SW ¼ Sec. 27
T. 13 (N) R. ~~15~~ 51 (E)
S W

Static water level flow ft.*
Pumping water level ft.*
at 69 gallons per minute,
measured minutes after pumping began.
*Measured from ground level.
Well developed by
for hours.
Power Pump HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)
packer

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Robert C Bond

Driller's Address Terry, Montana

LICENSE NO. 37

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
0	4	top soil
4	6	yellow clay
6	9	sand
9	25	gravel
25	36	gumbo sandy
36	43	sand
43	47	coal
47	54	gumbo
54	67	gumbo, coal & sa nd
67	68	rock
68	73	shale
73	81	rock
81	87	shale
87	88	rock
88	89	coal
89	102	shale & rock
102	125	shale
125	126	rock
126	147	shale
147	151	rock
151	175	shale
175	185	coal
185	204	shale
204	205	rOck
205	223	shale & sand mud flow
223	232	shale
232	290	shale & rock
290	332	shale & sand
332	380	shale & rock
380	384	coal
384	394	shale
394	400	coal & sand
400	492	shale sand rock
492	494	rock
494	534	shale
534	543	shale & sand
543	555	sand 15 gpm
555	558	rock
558	616	shale sand rock
616	625	sand 10 gpm
625	634	shale
634	762	sand & shale
762	821	sand 60 gpm

821 Show exact depth of bottom

50,559

93828

Water Well Log

Orris L. Kelland

to

The Public

FILED

at 9:55 o'clock P.M.

JUN 3 1972

John B. Stark

County Clerk

Fee 2.00

Gerde M. Gardner

Deputy

Department of Natural Resources and Conservation
Water Resources Division
Engineering Bureau
Groundwater Section
Sam W. Mitchell Building
Helena, Montana 59601

Owner Orris I. Galland
Address Fallon, MT 59326
Location T. R. Sec.
Doc. No. 93828

As the Administrator of the Groundwater Code for the State of Montana, please take note of the following special instructions, in order to properly protect your groundwater right.

Special Instructions:

Please check the Range number in the location on the attached form. Should not the correct location be Range 51 East? Instead of Range 15 East?

Thank you.

RECEIVED
AUG 29 1977
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

This should read Sec 27 - T 13 R 52

Thank You. Orris L Galland

Water Use: Domestic ☑ Municipal ☐ Stock ☑ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

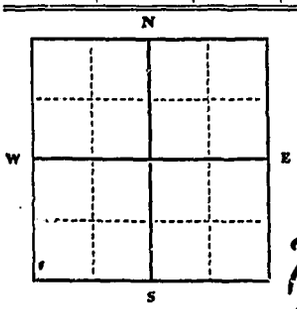
*Describe .....

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition). .....

ESTIMATED ANNUAL WITHDRAWAL .....

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
8"	6"id	0	52	none		
3 7/8	2"	0	821	slits	753	821

47	[illegible]	[illegible]
61	175	shale
[illegible]	[illegible]	coal
[illegible]	[illegible]	shale
[illegible]	[illegible]	shale
[illegible]	[illegible]	shale & sand mud flow
[illegible]	[illegible]	shale
[illegible]	[illegible]	shale & rock
[illegible]	[illegible]	shale & sand
[illegible]	[illegible]	shale & rock
[illegible]	[illegible]	coal
[illegible]	[illegible]	shale
[illegible]	[illegible]	coal & sand
[illegible]	[illegible]	shale sand rock
[illegible]	[illegible]	rock
[illegible]	[illegible]	shale
[illegible]	[illegible]	shale & sand
[illegible]	[illegible]	sand 12 cm
[illegible]	[illegible]	coal
[illegible]	[illegible]	shale sand rock
[illegible]	[illegible]	coal & sand
[illegible]	[illegible]	shale
[illegible]	[illegible]	coal & shale
[illegible]	[illegible]	coal 52 cm



Static water level Flow ft.*
Pumping water level ft.*
at 50 gallons per minute,
measured minutes after pumping began.
*Measured from ground level.
Well developed by
for hours.
Power Pump HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)
[illegible]

?

S½ ¼ S½ ¼ Sec. 27
T. 13 N/S R. 15 E/W

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Robert Bond

Driller's Address Sidney, Montana

LICENSE NO. 27

821 Show exact depth of bottom

50, 5.59

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED
JUL 8 1972
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

RECEIVED
AUG 29 1972
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

County Prairie

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Orris I Galland

Address Fallon, Montana

For Administrator's Use
File 93823
June 2, 1972 9:55 a.m.
GW 1

Date well started 4/26/72

completed 6/2/72

Type of well Drilled (Dug, driven, bored or drilled)

Equipment used Cable tool & rotary (Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐

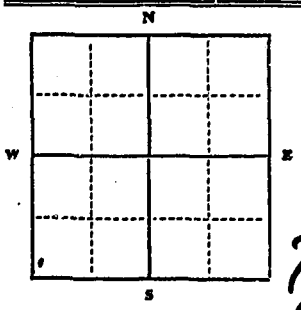
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
8"	6"id	0	52	none		
3-7/8	2"	0	821	slits	756	821



Static water level Flow ft.*

Pumping water level ft.*

at 60 gallons per minute, measured minutes after pumping began.

*Measured from ground level.

Well developed by

for hours.

Power Pump HP

Remarks: (Gravel packing, cementing, packers, type of shutoff) packer

SW ¼ SW ¼ Sec. 27

T. 13 N/S R. 15 E/W

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Robert Bond

Driller's Address Terry, Montana

LICENSE NO. 77

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
0	4	top soil
4	9	yellow clay
9	25	gravel
25	43	sandy
43	47	coal
47	53	sandy
53	67	sandy, coal & sand
67	73	rock
73	81	shale
81	87	rock
87	93	shale
93	98	coal
98	102	shale & rock
102	125	shale
125	129	rock
129	147	shale
147	151	rock
151	175	shale
175	185	coal
185	204	shale
204	205	rock
205	223	shale & sand mud flow
223	232	shale
232	242	shale & rock
242	250	shale & sand
250	252	shale & rock
252	256	coal
256	264	shale
264	270	coal & sand
270	402	shale sand rock
402	404	rock
404	534	shale
534	549	shale & sand
549	555	sand 15 gpm
555	553	rock
553	615	shale sand rock
615	625	sand 30 gpm
625	734	shale
734	752	coal & shale
752	821	sand 60 gpm

821 Show exact depth of bottom

50, 5.59

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—41933

File No.....

T.....R.....29

DUPLICATE

MONTANA WATER RESOURCES BOARD
RECEIVED
AUG 26 1969

County.....Prairie

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

(Elev. above sea level.....)

0- 40 Sandy soil, streaks of gravel & stringers of scoria1
40- 80 Blue gumbo
80- 90 Coal
90-140 Sandstone
140-200 Gumbo/stringers of coal
200-204 Rock
204-240 Gumbo
240-260 Coal
260-330 Gumbo/stringers of coal
330-360 Sandstone
360-375 Gumbo & Coal
375-480 Gumbo/streaks of rock
480-495 Coal
495-510 Blue sandy gumbo
510-520 Blue gumbo
520-523 Sandy rock
523-540 Dk. gray gumbo
540-555 Blu-green gumbo
555-560 Rock
560-580 Gumbo
580-585 Hard Rock
585-640 Gumbo
640-655 Blu gumbo
655-670 Sandstone/gumbo stringers
670-700 Sandstone
700-730 Gumbo/stringers of sandstone
730-760 Gumbo
760-805 Sandstone
805-865 Gumbo
865-921 Sandstone

Show exact depth of bottom.

Owner...Knuth Cattle Co.....Address...Terry, Montana

Driller...Joe Johnson Drlg.....Address...Terry, Montana

Date of Notice of Appropriation of Groundwater.....

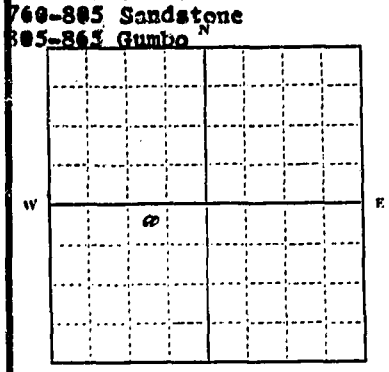
Date well started...6/10/69...Date Completed...6/23/69

Type of well...Drilled... (dug, driven, bored or drilled) Equipment Used...Rotary... (Churn, drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Other ☐ Irrigation ☐ Industrial ☐ Drainage ☐ Stock ☒

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	NONE	0	60			
4½"	2" ID 3.7#/ft.	0	921	Holes 3/8"	865	921



NW¼NE Sec. 27 T. 13 R. 52

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

R.J.D.

Static Water Level for non-flowing Well.....feet.

Shut-in Pressure for Flowing Well...20#...

Pumping Water Level.....feet at.....gal. per minute.

Discharge in gal. per min. of flowing well...25 gpm...

How Tested...Open flow...Length of Test...24 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)...Well cemented with 18 sacks of cement at 460

154
Driller's License Number

Joe Leon Johnson
Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

44559

FILED

at 12:35 o'clock P.M.

AUG 28 1969

John D. Strickland

Robin M. Scott

Fee 3.00 Jrd

5-29-1952

MONTANA WATER RESOURCES BOARD
RECEIVED
SEP 29 1969

MONTANA WATER RESOURCES BOARD
Groundwater Division
Mitchell Building
Helena, Montana 59601

Recently a copy of a groundwater appropriation form,

___ GW 1, Notice of Appropriation of Groundwater

_X_ GW 2, Notice of Completion of Groundwater Appropriation by means of Well

___ GW 3, Notice of Completion of Groundwater Appropriation without Well

___ GW 4, Declaration of Vested Groundwater Rights (This form is obsolete and was limited by law to use only through 1965)

was forwarded to this office by the County Clerk and Recorder.

This form is identified by

Owner Knuth Cattle Co. Address Terry, Montana

Location _____ Document No. 91431

___ The form is complete as filed. This is to inform you that your GW form has been received and no further action is necessary on your part.

_X_ The form is incomplete. Please complete the enclosed copy by providing information where indicated, or as noted here and return the corrected copy to the Montana Water Resources Board in Helena.

Please fill in the location of the well (Township, Range, Section)., on the plot provided.

___ Other.

___ County recording information is missing. Please forward this information to the Montana Water Resources Board in Helena.

GW 2

Approved Form—State Publishing Co., Helena, Montana—41933

File No.....

T.....R.....

DUPLICATE

MONTANA WATER RESOURCES BOARD
RECEIVED
AUG 26 1969

County.....

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground.....

(Elev. above sea level.....)

0- 40 Sandy soil, streaks of gravel & stringers of coal
40- 80 Blue gumbo
80- 90 Coal
90-140 Sandstone
140-200 Gumbo/stringers of coal
200-204 Rock
204-240 Gumbo
240-250 Coal
250-330 Gumbo/stringers of coal
330-360 Sandstone
360-375 Gumbo & Coal
375-430 Gumbo/streaks of rock
430-495 Coal
495-510 Blue sandy gumbo
510-520 Blue gumbo
520-523 Sandy rock
523-540 Dk. gray gumbo
540-555 Blu-green gumbo
555-560 Rock
560-580 Gumbo
580-585 Hard Rock
585-640 Gumbo
640-655 Blu gumbo
655-670 Sandstone/gumbo stringers
670-700 Sandstone
700-730 Gumbo/stringers of sandstone
730-760 Gumbo
760-805 Sandstone
805-865 Gumbo
865-921 Sandstone

Owner Smith Cattle Co. Address Terry, Montana

Driller Jim Johnson Drlg. Address Terry, Montana

Date of Notice of Appropriation of Groundwater.....

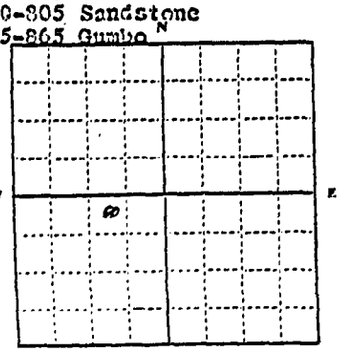
Date well started 6/10/69 Date Completed 6/22/69

Type of well Drilled (dug, driven, bored or drilled) Equipment Used Rotary (Churn, drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Other ☐ Irrigation ☐ Industrial ☐ Drainage ☐ Stock ☒

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	NONE	0	60			
4½"	2" ID 3.7#/ft.	0	921	Holes 3/8"	865	921



NW¼NE Sec. 29 T. 13 R. 52

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Static Water Level for non-flowing Well.....feet.

Shut-in Pressure for Flowing Well 204

Pumping Water Level.....feet at.....gal. per minute.

Discharge in gal. per min. of flowing well 25 gpm

How Tested Open flow Length of Test 24 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation) Well cemented with 18 sacks of cement at 400

Show exact depth of bottom.

154
Driller's License Number

Jim Johnson
Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

14559

91431

FILED
at 2:45 o'clock P.M.
SEP 2 1969
John D. Lindsel
Clerk
Deputy
Fee 20.00 pd

GW

File No.....

DUPLICATE

T. 13 N R. 52 E

County Prairie

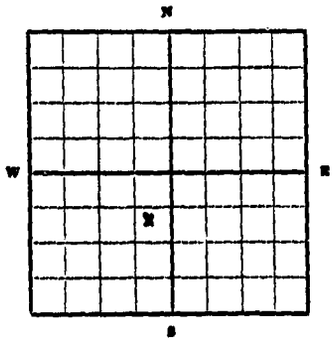
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Knuths Cattle Co, of Terry
(Name of Appropriator) (Address) (Town)
County of Prairie State of Mont.
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW¼ Sec. 29 T. 13 R. 52

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based stock well

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1938

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1 gal per min

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal natural flow

7. The date of commencement and completion of the construction of the well, wells or other works for withdrawal of groundwater commencement and completion on the year of 1938

8. The depth of water table 460 ft to artesian sand

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater drilled to a depth of 500 ft and cased with 2" casing

10. The estimated amount of groundwater withdrawn each year 525,600

11. The log of formations encountered in the drilling of each well if available not available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Knuths Cattle Co By Gordon Knuth

Date Jan 22, 1962

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

17/12

83011

FILED
at 2:30 o'clock P. M.
MAR 13 1962
E. Allen Lobenstine
County Clerk
Stanley [illegible]
Deputy
Fee 2.00

RECEIVED
MAR 29 1960
80632
STATE ENGINEER

T. 13 R. 59 (57) 30

County Prairie

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: Knuth's Cattle Company Address: Terry, Montana

Driller: Ira C. Bond Address: Terry, Montana

Date Started: March 1, 1960 Date Completed: March 12, 1960

Location: Sec. 30 T. 13 R. 5 ¼ sec. NW of the SW

Type of well: Drilled (Dug, driven, bored, or drilled) Equipment used: Rotary (Churn drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: 0 ft. to 32 ft. Type: steel Size: 6 inch I. D.

Casing: 0 ft. to 804 ft. Type: Steel Size: 8 inch

Casing: ft. to ft. Type: Size:

Perforated or Screened: Ft. 729 to ft. 801 Ft. to ft.

Type of screen or perforations: 5/16 in. holes cut 16 inches apart with cutting torch

Static Water level, for non-flowing well: feet.

Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level feet at gal. per min.

How tested: timed with bucket at twenty gpm

Length of test

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

Sealed between 2 inch and 6 inch with bentonite and a sanitary seal. Well free flowed for twenty-four hours before choking down to desired rate of flow

(over)

Log of Well

Depth, feet From	Depth, feet To	Description of Material Drilled
0	1	Top Soil
1	18	Rocks and Yellow Clay
18	27	Sand and gravel
27	35	White Gumbo
35	40	Yellow Clay
40	50	White Gumbo
50	61	Black Gumbo
61	62	Rock
62	71	Gumbo
71	75	Coal
75	108	Hard White Gumbo
108	110	Coal
110	134	Gumbo
134	136	Coal
136	170	Gumbo
170	174	Coal
174	185	Gumbo
185	189	Coal
189	206	Gumbo
206	208	Coal
208	225	Gumbo
225	227	Rock
227	276	Gumbo
276	278	Rock
278	293	Gumbo
293	294	Rock
294	393	Shale
393	396	Rock
396	580	Shale - with coal ledges
580	600	Water Sand and flow
600	615	Shale
615	620	Shale
620	629	Rock
629	769	Shale
769	770	Water Sand
770	771	Soft Rock
771	786	Shale
786	787	Rock
787	800	Water Sand
800	804	Shale
804		Total Depth

GW

File No.....

DUPLICATE

T. 13 NR. 52 E

County Prairie

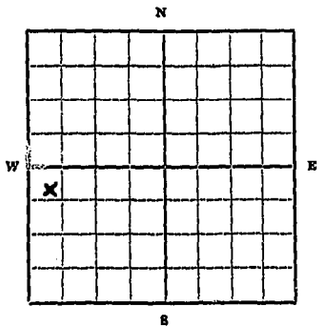
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
MAR 1 1962
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Knuth Cattle Co, of Terry
(Name of Appropriator) (Address) (Town)
County of Prairie State of Mont.
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW ¼ Sec. 32 T. 13 NR. 52 E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based livestock and domestic

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1938

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 25 gal. per min.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal natural flow

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater commencement and completion in the year of 1938

8. The depth of water table 600 ft to the artesian sand

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater drilled to a depth of 675 ft and cased with 2" casing

10. The estimated amount of groundwater withdrawn each year 3,000,000

11. The log of formations encountered in the drilling of each well if available non available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Knuth Cattle Co By Gordon Knuth

Date Jan 22, 1962

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

1712

83011

FILED
at 2:30 o'clock P.M.
MAR 13 1962
County Clerk
Deputy
Fee 2.00

79638

RECEIVED
AUG 7 1959
STATE ENGINEER

32

T. 13 R. 52

County Prairie

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: Gordon Knutho Address: Terry, Montana

Driller: Ira C. Bond Address: Terry, Montana

Date Started: July 24, 1959 Date Completed: July 31, 1959

Location: Sec. 32 SE¼NE¼ T. 13 R. 52 ¼ sec.

Type of well: Drilled (Dug, driven, bored, or drilled) Equipment used: Rotary (Churn drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: 0 ft. to 656 ft. Type Steel Size two inch

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 617 to ft. 654 Ft. to ft.

Type of screen or perforations: 5/16 holes cut two in. apart with cutting torch

Static Water level, for non-flowing well: feet.

Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level feet at gal. per min.

How tested: With bucket (five gal.) for one minute

Length of test: one minute

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

twenty-five gallons per minute

well flowed twenty-four hours open before being used or

slowed down with a valve.

(over)

Log of Well

Depth, feet From	Depth, feet To	Description of Material Drilled
0	10	topsoil
10	16	sand
16	22	gravel
22	44	Gumbo
44	46	rock
46	69	Gumbo
69	70	rock
70	74	gumbo
74	75	rock
75	94	gumbo
94	95	Rock
95	100	black gumbo
100	140	Gumbo
140	145	coal and gumbo
145	154	coal
154	156	Gumbo
156	158	coal
158	165	Gumbo
165	166	Rock
166	227	Gumbo
227	230	Coal and gumbo
230	231	Gumbo
231	235	Water Sand
235	241	Gumbo
241	249	Gumbo
249	251	Rock
251	257	Shale
257	258	Rock
258	283	Shale
283	286	Black Shale
286	288	Coal and gumbo
288	324	Shale
324	327	Rock
327	426	Shale
426	427	~~Shale~~ Rock
427	435	Sha le
435	436	Rock
436	448	Sha le
448	450	Rock
450	463	Shale
463	465	Rock
465	480	Shale
480	481	Rock
481	507	Shale
507	508	Rock -water ~~showing~~ showing
508	617	Shale
617	654	Water sand
654	657	Shale

GW

Approved Stock Form—State Publishing Co., Helena, Montana—38637

33

File No.....

T. 13N R. 52E

DUPLICATE

County Prairie

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

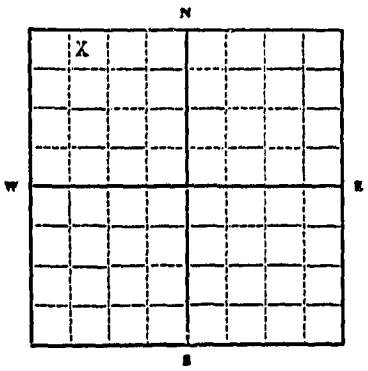
RECEIVED
NOV 6 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Buffalo Rapids Project Board of Control, of Terry
(Name of Appropriator) (Address) (Town)

County of Prairie State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Lot 2
NE ¼ NW¼ Sec. 33 T. 13 R. 52

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based
Household and Watering Plants

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1951

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gallons

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Artesian at Fallon Pumping Plant

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1951

8. The depth of water table 650 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 4 inch partial casing

10. The estimated amount of groundwater withdrawn each year not available

11. The log of formations encountered in the drilling of each well if available not available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Buffalo Rapids Project
Signature of Owner Board of Control

Date November 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

6234

85031

FILED

at ..... o'clock ..... M.

NOV - 5 1963

..... County Clerk

..... Deputy

Fee .....

GW

Approved Stock Form—State Publishing Co., Helena, Montana—41921

33

File No.....

T. 12N R. 52E

DUPLICATE

County Prairie

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

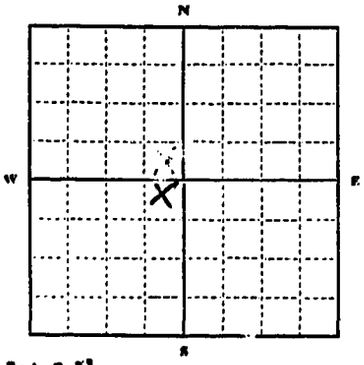
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. United States of America, of Box 2553 Billings
(Name of Appropriator) (Address) (Town)

County of Yellowstone State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Lot 2 NE/4 Sec. 23 T. 12N. R. 52E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based
Domestic and Pumping Plants

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1951

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gallons

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
not applicable.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Artesian at Fallon Pumping Plant

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1951

8. The depth of water table 650 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 4 inch partial casing

10. The estimated amount of groundwater withdrawn each year 8 acre-feet

11. *The log of formations encountered in the drilling of each well if available* not available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. This water is used for domestic, household, stockwatering, and similar uses, by employees of the United States, or its agents, at the caretaker's residence at Fallon Pumping Plant in connection with operation of the Buffalo Rapids Federal Reclamation Project.

United States of America
Signature of Owner E. Richard Greer
For Regional Director, Region 6, Bureau of Reclamation
Date December 16, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

85031

FILED
at 9:55 o'clock A M.
NOV - 5 1963
County Clerk
Deputy
Fee 2.00 Pd.

GW 2 Revised 1969
STATE PUBLISHING COMPANY

County Prairie 34

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Jim Dukart

Address Fallon, Mont.

Date well started 7/6/72

completed 7/11/72

For Administrator's Use
File 94256
Nov. 30, 1972 11:30 a.m.
GW 1

Type of well Drilled (Dug, driven, bored or drilled)

Equipment used Rotary (Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

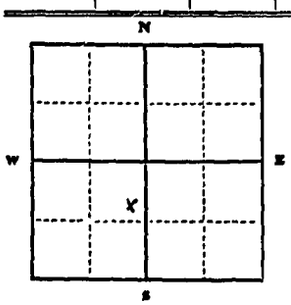
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
7¼"	6" ID 18.97#	0	27	N O N E		
5 7/8"	2" ID	27	300	Holes	632	758
4 3/4"	3.7#	300	905	3/8"	821	905



N.E. ¼ S.W. ¼ Sec. 34
T. 13 (N) R. 52 (E)
S W

Static water level Flow ft.*
Pumping water level ft.*
at 75 gallons per minute,
measured 48 hrs minutes after pumping began.
*Measured from ground level.
Well developed by Open Flow
for 48 hours.
Power Pump HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) Well cemented at 360' with 20 sacks of cement
R.J.B.

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Joe Johnson

Driller's Address Joe Johnson Drlg., Terry, Montana

LICENSE NO. 154

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
0	12	Topsoil & Gravel
12	23	Gravel
23	25	Coal
25	52	Blue Gumbo
52	54	Hard Rock
54	65	Clay & Coal
65	67	Rock
67	140	Grey Clay & Rock stringers.
140	180	Coal/stringers of gumbo
180	260	Gumbo & Clay
260	300	Clay & stringers of Sand
300	310	Sandstone
310	312	Sandrock
312	380	Clay & Gumbo with stringers of coal & Rock
380	400	Coal
400	440	Clay & Gumbo
440	475	Clay & Sandstone stringers.
475	478	Rock
478	550	Clay & Gumbo
550	555	Rock
555	580	Water Sand
580	620	Clay & Gumbo
620	700	Sandstone with stringers of Clay
700		Pitcher 25 gpm
700	740	Gumbo with stringers of Sandstone
740	800	Clay & Gumbo
800	890	Sandstone
890	893	Rock
893	905	Shale with stringers of Sand

905 Show exact depth of bottom.

51,933

94256

Water Well Log

Jami Dukart

to

The Public

FILED

at 11:30 o'clock P.M.

NOV 3 0 1972

John D. Gruber

Inda M. Gonzales

in Doc

GV

Approved Stock Form—State Publishing Co., Helena, Montana—38687

34

File No.....

T. 13 N R. 52 E

DUPLICATE

County Prairie

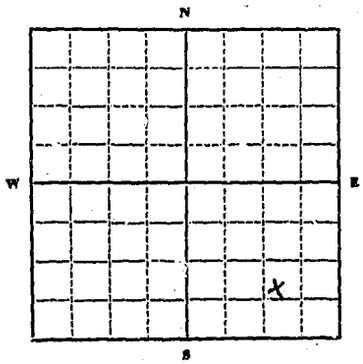
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
MAR 1 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Henry Gaub, of Fallon
(Name of Appropriator) (Address) (Town)
County of Prairie State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE ¼ Sec. 34 T. 13 R. 52

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based House, and livestock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1949 – continuous use since that date.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) Sixty gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Started Oct. 1949 – completed Oct. 1949

8. The depth of water table 30 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
Iron casing – drilled, 40 feet.

10. The estimated amount of groundwater withdrawn each year 7 518,000 gallons.

11. The log of formations encountered in the drilling of each well if available
Not available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Henry Gaub
Date Feb. 28-1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

3783.

84349

FILED
at 2:15 o'clock P M.
FEB 28 1963
Ellen Johnston
County Clerk
Fee 2.00 Pd
Deputy

GV

Approved Stock Form—State Publishing Co., Helena, Montana—38687

34

File No.....

T. 13 R. 52 E

DUPLICATE

County Prairie

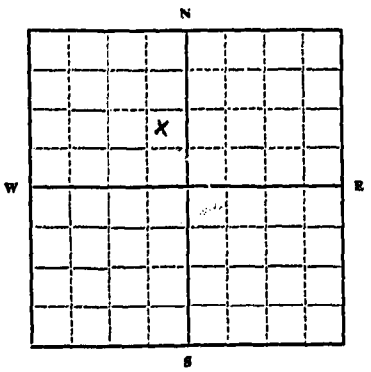
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
MAR 1 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Henry Gaub, of Fallon
(Name of Appropriator) (Address) (Town)
County of Prairie State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE ¼ NW ¼ Sec. 34 T. 13 R. 52

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based House use, and stock watering

3. Date or approximate date of earliest beneficial use; and how continuous the use has been March 1916

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gallons minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Flowing Well

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Commenced Oct 1915 — completed March 1916.

8. The depth of water table 450 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
Drilled — 2 inch Casing — Depth 500 feet.

10. The estimated amount of groundwater withdrawn each year 550,000 gallons

11. The log of formations encountered in the drilling of each well if available
Not Available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Henry Gaub
Date Feb. 28 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

3784.

84350

FILED
at 2:15 o'clock P M.
FEB 28 1963
County Clerk
Fee 2.12
Deputy

Approved Stock Form—State Publishing Co., Helena, Montana—42234

File No.

DUPLICATE

T. 13 N R. 52 E

County Prairie

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 27 1963
STATE ENGINEER

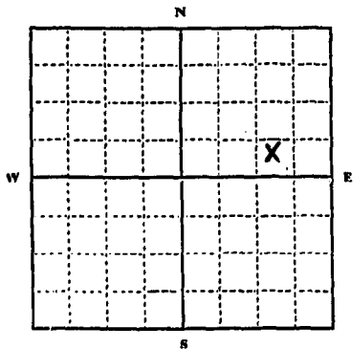
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John W. Hess, of Fallon
(Name of Appropriator) (Address) (Town)

County of Prairie State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE ¼ Sec. 34 T. 13 R. 52

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based: Stock Watering - Household

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1952 - Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 15 gal. Minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof:

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Self flowing - Artesian

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Commenced + completed 1952

8. The depth of water table: 585 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Drilled - 2" casing - 610 ft. deep.

10. The estimated amount of groundwater withdrawn each year: 1,500,000 gallons

11. The log of formations encountered in the drilling of each well if available: Not available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: None

Signature of Owner: John W. Hess

Date: Dec. 26-1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

13681

85454

FILED

at 3:15 o'clock P.M.

DEC 26 1963

County Clerk

Deputy

Fee 2.00 Pd

79259

RECEIVED
APR 20 1959
STATE ENGINEER

T.....R.....34

County....Prairie

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner....John Hess.....Address....Fallon Montana

Driller....Ira C. Bond.....Address....Terry Montana

Date Started....May 17, 1958.....Date Completed....May 19, 1958

Location: Sec. 34 T. 13 R. 52 ¼ sec. ~~SW~~ E½ NE4

Type of well....Drilled.....Equipment used....Cable Tool
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic [XXX] Municipal [ ] Stock [ ] Irrigation [ ]
Industrial [ ] Drainage [ ] Other:.....

Casing:....0....ft. to....27....ft. Type....Steel.....Size....6 inch

Casing:.....ft. to.....ft. Type.....Size.....

Casing:.....ft. to.....ft. Type.....Size.....

Perforated or Screened: Ft....23.... to ft....26.... Ft..... to ft.....

Type of screen or perforations....5/16 holes cut 3 in. apart with cuttingtorch.

Static Water level, for non-flowing well:.....At 20.....feet.

Shut-in pressure, for flowing well:.....lb./sq. in. on:.....
(date)

Pumping water level....25....feet at....6....gal. per min.

How tested:....Bailed

Length of test....30 minutes

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	5	Gumbo
5	26	Sand and Gravel
26	27	Gumbo

79258

RECEIVED
APR 20 1959
STATE ENGINEER

T. ..... R. 34

County Prairie County

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner L. D. Hogmire ..... Address Fallon Montana

Driller Ira C. Bond ..... Address Terry Montana

Date Started May 14, 1958 ..... Date Completed May 15, 1958

Location: Sec. 34 At bottom 5 2 ¼ sec.

Type of well Drilled (Dug, driven, bored, or drilled) ..... Equipment used Cable Tool (Churn drill, rotary, other)

Water use: Domestic XXX Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other: .....

Casing: 0 ft. to 20 ft. Type Steel Size 6 inch

Casing: ..... ft. to ..... ft. Type ..... Size .....

Casing: ..... ft. to ..... ft. Type ..... Size .....

Perforated or Screened: Ft. 17 to ft. 20 Ft. ..... to ft. .....

Type of screen or perforations 5/16 holes cut 3 in. apart with cutting torch

Static Water level, for non-flowing well: At 10 feet.

Shut-in pressure, for flowing well: ..... lb./sq. in. on: ..... (date)

Pumping water level 18 feet at ..... gal. per min.

How tested: bailed

Length of test 30 minutes

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

Lot 21 in Hansen's addition in Fallon
Blk 2

(over)

Log of Well

Depth, feet From	Depth, feet To	Description of Material Drilled
0	4	Gumbo
4	20	Sand and Gravel

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—4193.

34

File No.....

T. 13 N R. 52 E

DUPLICATE

County Prairie

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JUN 17 1965
STATE ENGINEER

Top of Ground

(Elev. above sea level.....)

0-10' Top Soil

10-26' sand + Gravel

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Hope Lutheran Chd Address Fallon, Mont.

Driller Jose L. Johnson Address Terry, Montana

Date of Notice of Appropriation of Groundwater.....

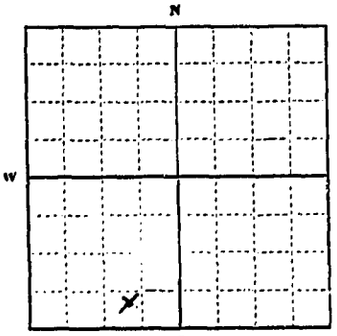
Date well started June 9, 1965 Date Completed June 12, 1965

Type of well Drilled (dug, driven, bored or drilled) Equipment Used Spudder (Churn, drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Other ☐ Irrigation ☐ Industrial ☐ Drainage ☐ Stock ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	19½ lb. 6"	0'	26'	Holes + Slots 3/8" + 1/8"	16'	26'



SE ¼ SW Sec. 34 T. 13 N R. 52 E

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 18 feet.

Shut-in Pressure for Flowing Well.....

Pumping Water Level 19 feet at 5 gal. per minute.

Discharge in gal. per min. of flowing well.....

How Tested Pumped Length of Test 48 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation).....

Driller's License Number

Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

39230

87122

FILED
at 2:24 o'clock P M.
JUN 16 1965
County Clerk
Deputy
Fee